

ABSTRACT

Information recording equipment of the present invention includes a multiplexer to generate n pieces of synchronous high-speed pulses. Instead of a normal $m:1$ multiplexer configuration for parallel-serial conversion, an $m:n$ multiplexer configuration is used which generates m pieces of output signals from n pieces of input signals. The recording equipment including the $m:n$ multiplexer enables high-resolution and high-speed pulse generation and carries out multipulse and multilevel signal generation.

BEST AVAILABLE COPY